Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Claiborne County Schools

Prepared By:
Tommy Walker

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-16

Plan Type:
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

Property Name: Section 47-T13N-R3E

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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LANDOWNER INFORMATION

Name:	Claiborne County Schools	
Mailing Address:	P.O. Box 337	
City, State, Zip:	Port Gibson, MS 39150	
Country:	United States of America	
Contact Numbers:	Home Number:	601-437-4352
	Office Number:	
	Fax Number:	
E-mail Address:		
Social Security Number (optional):		

FORESTER INFORMATION

Name:	Tommy Walker , Forester II	
Forester Number:	01473	
Street Address:	P.O. Box 77	
City, State, Zip:	Vicksburg, MS 39181	
Contact Numbers:	Office Number:	601-638-1227
	Fax Number:	
E-mail Address:		

PROPERTY LOCATION

County:	Claiborne	Total Acres:	607	Latitude:	-90.91	Longitude:	32.07
Section:	47	Township:	13N	Range:	3E		

DISCLAIMER

This plan is intended to be flexible. It may be modified to meet changes in economic conditions, management goals, or other circumstances. The figures in this plan are only estimates. They can and will change. Therefore, any plans or budgets that use these figures should be tempered with that thought.

INTRODUCTION

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

OBJECTIVES

Timber Production

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices.

Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Wildlife Management - General
The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within Streamside Management Zones.

PROPERTY DESCRIPTION

General Property Information
This section is located on Floyd Road in the northcentral part of the county. It is commonly known as the Big Black section. This section contains approximately 607 acres of land of which, 599 acres is forest land. The 8 acres of nonforest land consists of primarily county roads and a creek. Approximately 3 acres of the forested acreage is considered inoperable. The primary access road is Floyd Road, which is a county road.
The terrain on this section is steep. The timber type is primarily Bluff Hardwood and Pine. It is part of the loess bluff hills. Therefore, the soils are highly productive and highly erodible.

Water Resources
This section has several perennial streams, intermittent streams, and drains running throughout the property. The Big Black River crosses the property line in the northwest corner, but it encompasses less than 1 acre of the section. All water resources will be managed in accordance with Mississippi's Best Management Practices.

Timber Production
The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Threatened and Endangered Species
No threatened and endangered species were identified during the reconnaissance and evaluation of your property.

Interaction with Surrounding Property
Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

Soils General

Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil. The following soils are identified for this property: Memphis, Natchez, Collins, and Adler silt loams are the primary soils on this property located in the Loess Bluff Hills. These soils are very productive sites for both hardwood and Loblolly Pine. The Cherrybark Oak site index is over 100' and the Loblolly Pine site index is near 105'. The primary tree species for this tract are Cherrybark Oak, Shumard Oak, Water Oak, White Oak, Yellow Poplar,Green Ash, and Loblolly Pine.

Archeological and Cultural Resources

These areas can range from churches, old cemeteries, natural springs, Indian mounds to home sites or other areas of historical significance. No areas of historical significance were found on this tract.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection

A healthy, vigorously growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

Insects and Diseases

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

Fire Protection

Your forest should be protected from wildfire at all times. The best way to protect your investment is by establishing and maintaining firebreaks around the property. Guidelines for establishment and maintenance of firebreaks may be found in Mississippi Forestry Commission publication #107, *Mississippi's Best Management Practices.*

Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to all tree planting areas.

Boundary Lines

The Mississippi Forestry Commission has been maintaining the property boundaries on this section on a routine basis for many years. However, there has been problems with someone painting over our property lines. This tract has just recently been surveyed. Therefore, the property boundaries will be painted orange on a 6 year rotation, beginning in 2012.

Water Quality Protection

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

Aesthetics

This tract is in a rural part of the county. Therefore, aesthetics should not be a high priority.

Ecological Restoration

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

Wildlife Mgt. Target Species

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management can focus on providing food, cover, water, and space to facilitate the target species.

Environmental Education

Environmental educational goals can be to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities. There are no current plans to develop any of these items on this section.

Wildlife Management General

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving streamside management zones.

This section currently has 34 acres of streamside management zones which provide good travel corridors for wildlife. Also, wildlife is considered when determining the size and placement of regeneration harvests. Timber loading areas often make good areas for

wildlife food plots. There are approximately less than 2 acres of wildlife food plots currently being maintained by the leaseholder.

Timber Management
Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production on a sustained yield basis.

Recreation
The primary recreational use of this property is to generate income through a hunting lease.

SOIL TYPES

Memphis
The Memphis component makes up 90 percent of the map unit. Slopes are 2 to 5 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. Loblolly Site Index = 105.

Memphis
The Memphis component makes up 60 percent of the map unit. Slopes are 17 to 40 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. The Natchez component makes up 30 percent of the map unit. Slopes are 17 to 40 percent. This component is on hillslopes. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

Collins
The Collins component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil

is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, November, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 90.

Adler
The Adler component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

STRATA

Strata 1

Strata Description

Strata 1 is comprised of Stand 8. It contains a total of 28 acres of mature bluff hardwood sawtimber. The species composition is good and the volume per acre is good. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate with Loblolly pine within the next 10 years.

Activity Recommendations

In 2013, Strata 1 will be clearcut and regenerated. Also, Strata 2, Stands 22, 23, and 24 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 28 acres, and the total thinning acreage will be 187 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2014-2015, Strata 1 will be chemically site prepared, burned, and handplanted with geneticly improved Loblolly Pine at a rate of 622 trees per acre (7'x10' spacing). The total planting area is 28 acres. The target date for planting is the winter of 2014-2015. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

Strata 2

Strata Description

Strata 2 is comprised of Stands 16, 22, 23, and 24. It contains a total of 194 acres of bluff hardwood sawtimber and Loblolly Pine. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to thin it once to initiate advanced regeneration and then to clearcut and regenerate it over the next 15-20 years.

Activity Recommendations

In 2013, Strata 1 will be clearcut and regenerated. Also, Strata 2, Stands 22, 23, and 24 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 28 acres, and the total thinning acreage will be 187 acres. At least 50% crown cover should be left in all streamside management zones.

In 2020, Strata 2, Stands 23 and 24 should be clearcut and regenerated as a mixed stand for a total of 94 acres. At least 50 % crown cover should be left in all streamside management zones. The site prep and planting for a mixed stand will likely take place in 2022.

Strata 3

Strata Description

Strata 3 is comprised of Stand 5. It contains a total of 64 acres of bluff hardwood and Loblolly Pine sawtimber. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is steep.

Strata Recommendations

The long term goal for this strata is to thin it once to initiate advanced regeneration and then to clearcut and regenerate it over the next 10 years.

Activity Recommendations

In 2012, Strata 4, Stand 25 will be clearcut and regenerated. Also, Strata 3 and Strata 8 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 99 acres, and the total thinning acreage will be 75 acres. At least 50% crown cover should be left in all streamside management zones.

In 2017, Strata 3 should be clearcut and regenerated as mixed pine/hardwood. At least 50 % crown cover should be left in all streamside management zones.

In 2018-2019, Strata 3 will be chemically site prepared with a chemical rate that will control cane and black locust and will not harm desirable hardwood regeneration. Then it should be handplanted with geneticly improved Loblolly Pine at a rate of 435 trees per acre (10'x10' spacing). The target date for planting is the winter of 2018-2019. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

Strata 4

Strata Description

Strata 4 is comprised of Stands 25 and 26. It contains a total of 172 acres of bluff hardwood sawtimber. This strata was thinned about 9 years ago. Therefore, it has good natural regeneration. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is steep.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate it as mixed pine/hardwood over the next 10 years.

Activity Recommendations

In 2012, Strata 4, Stand 25 will be clearcut and regenerated. Also, Strata 3 and Strata 8 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 99 acres, and the total thinning acreage will be 75 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2013-2014, Strata 4 will be chemically site prepared with a chemical rate that will control cane and black locust and will not harm desirable hardwood regeneration. Then it should be handplanted with geneticly improved Loblolly Pine at a rate of 435 trees per acre (10'x10' spacing) to create a mixed hardwood/pine stand. The target date for planting is the winter of 2013-2014. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

In 2015, Strata 4, Stand 26 will be clearcut and regenerated. Also, 5 acres of Strata 8 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 69 acres, and the total thinning acreage will be 5 acres. At least 50% crown cover should be left in all streamside management zones.

In 2016-2017, Strata 4, Stand 26 will be chemically site prepared with a chemical rate that will control cane and black locust and will not harm desirable hardwood regeneration. Then it should be handplanted with geneticly improved Loblolly Pine at a rate of 435 trees per acre (10'x10' spacing) to create a mixed hardwood/pine stand. The target date for planting is the winter of 2016-2017. However, this could change due to

the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

Strata 5

Strata Description

Strata 5 is comprised of Stands 2, 3, 18, 19, and 21. It contains a total of 78 acres of 21 year old planted pine and natural hardwood. The pine was planted on a wide spacing to create a mixed stand. The pine stocking ranges from poor to good, while the hardwood stocking is good. The species composition is good. The total height ranges from 30-40 feet on some of the hardwood to over 40-50 feet for the pine. The dbh ranges from 3-6 inches for the hardwood and 8-10 inches for the pine. This strata still needs several more years of self pruning before it is thinned.

Strata Recommendations

The long term goal for this strata is to begin periodic thinning and continue thinning every 10-15 years until this strata is mature which should be around age 60-70.

Activity Recommendations

In 2018, all of Stratas 5, 6, 7, and 9 should be thinned for a total of 106 acres. This will be a first thinning. Therefore, 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. In the hardwood areas, this should be a crown thinning, not a ""thin from below". At least 75 square feet of basal area should be left after the harvest.

Strata 6

Strata Description

Strata 6 is comprised of Stand 1. It contains a total of 6 acres of 21 year old natural, old field, pine pulpwood which has never been thinned. It ranges from understocked in some areas to overstocked in others.

Strata Recommendations

The long term goal for this strata is to manage it with Strata 5 and 7 by periodic thinning, and continue thinning every 10-15 years until Strata 5 is mature which should be around age 60-70.

Activity Recommendations

In 2018, all of Stratas 5, 6, 7, and 9 should be thinned for a total of 106 acres. This will be a first thinning. Therefore, 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. In the hardwood areas,

this should be a crown thinning, not a ""thin from below". At least 75 square feet of basal area should be left after the harvest.

Strata 7

Strata Description

Strata 7 is comprised of Stand 6. It contains a total of 16 acres of 21 year old planted and natural hardwood on a flat ridge. The stocking is good. The species composition is good. The total height ranges from 40-50 feet. The dbh ranges from 5-10 inches. This stand still needs several more years of self pruning before it is thinned.

Strata Recommendations

The long term goal for this strata is to manage it with Strata 5 and 6 by periodic thinning, and continue thinning every 10-15 years until Strata 5 is mature which should be around age 60-70.

Activity Recommendations

In 2018, all of Stratas 5, 6, 7, and 9 should be thinned for a total of 106 acres. This will be a first thinning. Therefore, 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. In the hardwood areas, this should be a crown thinning, not a ""thin from below". At least 75 square feet of basal area should be left after the harvest.

Strata 8

Strata Description

Strata 8 is comprised of Stand 4. It contains 34 acres of bluff hardwood sawtimber. This stand lies adjacent to a perennial stream and is being used as a streamside management zone. Much of the timber is near maturity. The species composition is good. The volume per acre is good. The terrain is flat along the primary stream to steep along the minor gullies.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate all of this strata that is not needed as a Streamside Management Zone as adjacent stands are harvested over the next 15 years. The areas that are being maintained as SMZs can be thinned as adjacent stands are harvested.

Activity Recommendations

In 2012, Strata 4, Stand 25 will be clearcut and regenerated. Also, Strata 3 and Strata 8 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total

clearcut acreage will be 99 acres, and the total thinning acreage will be 75 acres. At least 50 % crown cover should be left in all streamside management zones.

In 2015, Strata 4, Stand 26 will be clearcut and regenerated. Also, 5 acres of Strata 8 will be thinned as part of this sale. The thinning will be a selective crown thinning. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. The total clearcut acreage will be 69 acres, and the total thinning acreage will be 5 acres. At least 50 % crown cover should be left in all streamside management zones.

Strata 9

Strata Description

Strata 9 is comprised of Stands 11, 13, and 14. It contains a total of 7 acres of 20 year old planted and natural hardwood and natural pine in an old field. This strata has never been thinned. The pine stocking ranges from poor to fair, while the hardwood stocking is good. The species composition is good. The total height ranges from 40-45 feet on some of the hardwood to over 50 feet on some of the pine. The dbh ranges from 7-9 inches for the pine and 3-8 inches for the hardwood. The terrain is flat.

Strata Recommendations

The long term goal for this strata is to manage it with Strata 5 and 6 by periodic thinning, and continue thinning every 10-15 years until Strata 5 is mature which should be around age 60-70.

Activity Recommendations

In 2018, all of Stratas 5, 6, 7, and 9 should be thinned for a total of 106 acres. This will be a first thinning. Therefore, 15-20' wide corridors should be cut every 50-60' for access. The area between the corridors can be selectively harvested. The selective harvest should focus on removing poor quality and unhealthy trees which are competing with desirable trees such as oak, pine, ash, and yellow poplar. In the hardwood areas, this should be a crown thinning, not a ""thin from below". At least 75 square feet of basal area should be left after the harvest.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

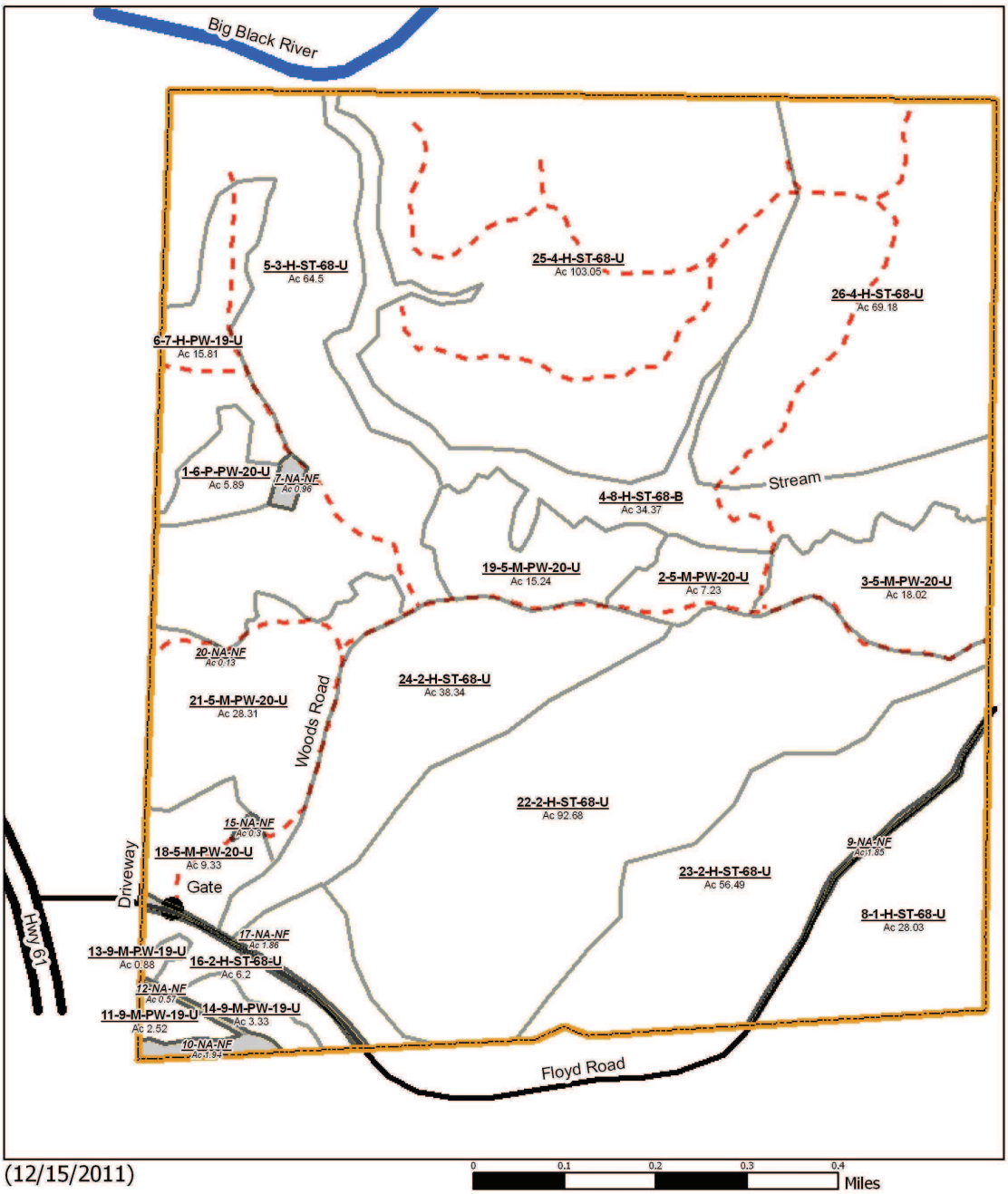
This section has 4 miles of boundary lines and around 4 miles of woods roads to maintain.

Line Recommendations

The property boundaries have recently been surveyed. They will be painted on a 6 year rotation beginning in 2012. The woods roads will be maintained as firebreaks on an "As Needed" basis.

STAND MAP - FY2012

Claiborne County Schools
Section 47, T13N, R3E, Claiborne County, Ms.
607.02 Acres



(12/15/2011)

Prepared by: Tommy Walker

LEGEND for Section 47, T13N, R3E, Claiborne County, Ms.

Property
- Property

Category 1: Stands
- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 3: Non-Forest Stands
- Non-Forest

Other
- Towers
- Logging Deck
- Locked

Other (cont)
- UnLocked
- Water
- Oil
- Natural Gas

Property Roads/Trails
- Drive Ways
- Access Road
- Logging Road
- Skid Trail
- Farm Road
- Hiking Trail
- Horseback Riding Trail

Transportation (Lines)
- City Streets
- County Roads
- 3 Digit Highway
- Interstate Highway

Transportation (Lines) (cont)
- US Highway
- State Highway
- Natchez Trace Parkway
- Runways/Airports
- Active RR
- Abandoned RR

Hydrology (Lines)
- Mississippi River
- Major River
- Primary Stream
- Intermittent Stream
- Canal
- Ditch
- Earthen Dam
- Concrete Dam

Stand Activity Summary for
CLAIBORNE COUNTY SCHOOLS
47 13N 3E

Filters Applied:
County: Claiborne
Client Class: School Trust Land
District: Capital District
Client: CLAIBORNE COUNTY S
STR: 47 13N 3E
Activity:
Year: 2012 Through 2021

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012						
47 13N 3E	3	5	Harvest, Mechanical, Thin, Machine, Misc Hardwood	65	$2,600.00	$27,040.00
47 13N 3E	4	25	Harvest, Mechanical, Final, Machine, Misc Hardwood	99	$2,970.00	$107,415.00
47 13N 3E	8	4	Harvest, Mechanical, Thin, Machine, Misc Hardwood	14	$560.00	$5,824.00
			Yearly Totals	178	$6,130.00	$140,279.00
2013						
47 13N 3E	1	8	Harvest, Mechanical, Final, Machine, Loblolly	28	$980.00	$33,040.00
47 13N 3E	2	22	Harvest, Mechanical, Thin, Machine, Misc Hardwood	93	$3,255.00	$58,311.00
47 13N 3E	2	23	Harvest, Mechanical, Thin, Machine, Misc Hardwood	56	$1,960.00	$35,112.00
47 13N 3E	2	24	Harvest, Mechanical, Thin, Machine, Misc Hardwood	38	$1,330.00	$23,826.00
			Yearly Totals	215	$7,525.00	$150,289.00
2014						
47 13N 3E	4	25	Regeneration, Artificial, Plant, Hand, Loblolly	103	$8,755.00	$0.00
47 13N 3E	4	25	Site Preparation, Chemical, Broadcast, Aerial, Combination	99	$6,435.00	$0.00
			Yearly Totals	202	$15,190.00	$0.00
2015						
47 13N 3E	1	8	Regeneration, Artificial, Plant, Hand, Loblolly	28	$2,380.00	$0.00
47 13N 3E	1	8	Site Preparation, Chemical, Broadcast, Aerial, Combination	28	$3,360.00	$0.00
47 13N 3E	1	8	Site Preparation, Other, Burn, Hand, Cut-Over	28	$700.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
47 13N 3E	4	26	Harvest, Mechanical, Final, Machine, Misc Hardwood	69	$2,415.00	$61,824.00
47 13N 3E	8	4	Harvest, Mechanical, Thin, Machine, Misc Hardwood	5	$175.00	$2,125.00
			Yearly Totals	158	$9,030.00	$63,949.00
2017						
47 13N 3E	3	5	Harvest, Mechanical, Final, Machine, Misc Hardwood	65	$2,275.00	$53,300.00
47 13N 3E	4	26	Site Preparation, Chemical, Broadcast, Aerial, Combination	69	$4,140.00	$0.00
47 13N 3E	4	26	Regeneration, Artificial, Plant, Hand, Loblolly	69	$5,865.00	$0.00
			Yearly Totals	203	$12,280.00	$53,300.00
2018						
47 13N 3E	5	2	Harvest, Mechanical, Thin, Machine, Misc Hardwood	7	$245.00	$1,470.00
47 13N 3E	5	3	Harvest, Mechanical, Thin, Machine, Misc Hardwood	18	$630.00	$3,780.00
47 13N 3E	5	18	Harvest, Mechanical, Thin, Machine, Misc Hardwood	9	$315.00	$1,890.00
47 13N 3E	5	19	Harvest, Mechanical, Thin, Machine, Misc Hardwood	15	$525.00	$3,150.00
47 13N 3E	5	21	Harvest, Mechanical, Thin, Machine, Misc Hardwood	28	$980.00	$5,880.00
47 13N 3E	6	1	Harvest, Mechanical, Thin, Machine, Loblolly	6	$210.00	$1,404.00
47 13N 3E	7	6	Harvest, Mechanical, Thin, Machine, Misc Hardwood	16	$553.35	$4,924.82
47 13N 3E	9	11	Harvest, Mechanical, Thin, Machine, Misc Hardwood	3	$88.20	$795.06
47 13N 3E	9	13	Harvest, Mechanical, Thin, Machine, Misc Hardwood	1	$30.80	$277.64
47 13N 3E	9	14	Harvest, Mechanical, Thin, Machine, Misc Hardwood	3	$116.55	$1,050.62
			Yearly Totals	106	$3,693.90	$24,622.13
2019						
47 13N 3E	3	5	Regeneration, Artificial, Plant, Hand, Loblolly	65	$5,525.00	$0.00
47 13N 3E	3	5	Site Preparation, Chemical, Broadcast, Aerial, Combination	65	$4,225.00	$0.00
			Yearly Totals	130	$9,750.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2020						
47 13N 3E	2	23	Harvest, Mechanical, Final, Machine, Misc Hardwood	56	$1,960.00	$39,200.00
47 13N 3E	2	24	Harvest, Mechanical, Final, Machine, Misc Hardwood	38	$1,330.00	$25,650.00
			Yearly Totals	94	$3,290.00	$64,850.00
			Grand Totals	**1,286**	**$66,888.90**	**$497,289.13**